

IN THE CLAIMS:

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4. (Amended) The plant transformation vector according to claim 1, wherein the T-DNA sequence contains a marker gene that permits the selection of the transformant.

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5. (Amended) The plant transformation vector according to claim 1, wherein the replication origin permits replication of the vector in bacteria including bacteria for vector amplification and *Agrobacterium*.

6. (Amended) A method of transforming plants comprising using an *Agrobacterium* host cell containing the vector according to claim 1.